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Customer Number



Patent
Case No.: 55797US014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: MCCULLOUGH, COLIN
Application No.: 10/730536 Group Art Unit: Unknown
Filed: December 8, 2003 Examiner: Unknown
Title: METHOD OF MAKING ALUMINUM MATRIX COMPOSITE WIRE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

March 8, 2004
Date

Angie Zontelli
Signed by: Angie Zontelli

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

March 8, 2004
Date

By:

Gregory D. Allen
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Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Use as many sheets as necessary)

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U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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*Examiner:

Date Considered:

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Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 2 of 5	Application Number	10/730536
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	3M Product Brochure, "Continuous Ceramic Fiber Aluminum Matrix Composites," 3M Metal Matrix Composite Project, St. Paul, Minnesota, (date unknown but believed to be prior to filing of the priority application), 6 pages
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	C3	ASTM D 3379-75, "Standard Test Method for Tensile Strength and Young's Modulus for High-Modulus Single-Filament Materials," <i>Annual Book of ASTM Standards</i> , Vol. 08.01, (1989), pp. 128-131.
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	C5	ASTM E 345-93, "Standard Test Methods of Tension Testing of Metallic Foil," <i>Annual Book of ASTM Standards</i> , Vol. 02.03, (1993), pp. 376-380.
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	C7	Cheng et al., "Preparation of Carbon Fibre Reinforced Aluminum via Ultrasonic Liquid Infiltration Technique," <i>Materials Science & Technology</i> , Vol. 9, (1993), pp. 609-614.
	C8	Costello, "Testing of a Wire Rope," in <i>Theory of Wire Rope, 2nd Edition, Chapter 6</i> , Springer-Verlag, (1997), title page and pp. 72-85.
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	C11	Electric Power Research Institute, "Structural Composite Cores for Overhead Power Transmission Conductors," <i>EM-5110, Research Project 2426-9</i> , (1987), 39 pages.
	C12	Gigerenzer et al., "Drawing of Graphite Fiber Reinforced Aluminum Composites," <i>Failure Modes and Processing of Composites IV</i> , eds., J. A. Cornie and F. W. Crossman, (1977), pp. 359-369.
	C13	Gigerenzer et al., "Hot Drawing of Fiber (Filament) Reinforced Metal-Matrix Composites," <i>ICCM2, Proceedings of the 1978 International Conference on Composite Materials</i> , Toronto, Canada, April 16-20, 1978, title page and pp. 175-188.
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	C18	Katzman, "Fiber Coatings for Composite Fabrication," <i>Materials & Manufacturing Processes</i> , Vol. 5(1), (1990), pp. 1-15.
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	C22	Ozawa et al., "Mechanical Characteristics of SiC Fiber Reinforced Composite Wire," <i>The Electricity Society National Symposium</i> , (1996), 2 pages and translation, 3 pages.
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